

Fig. 1

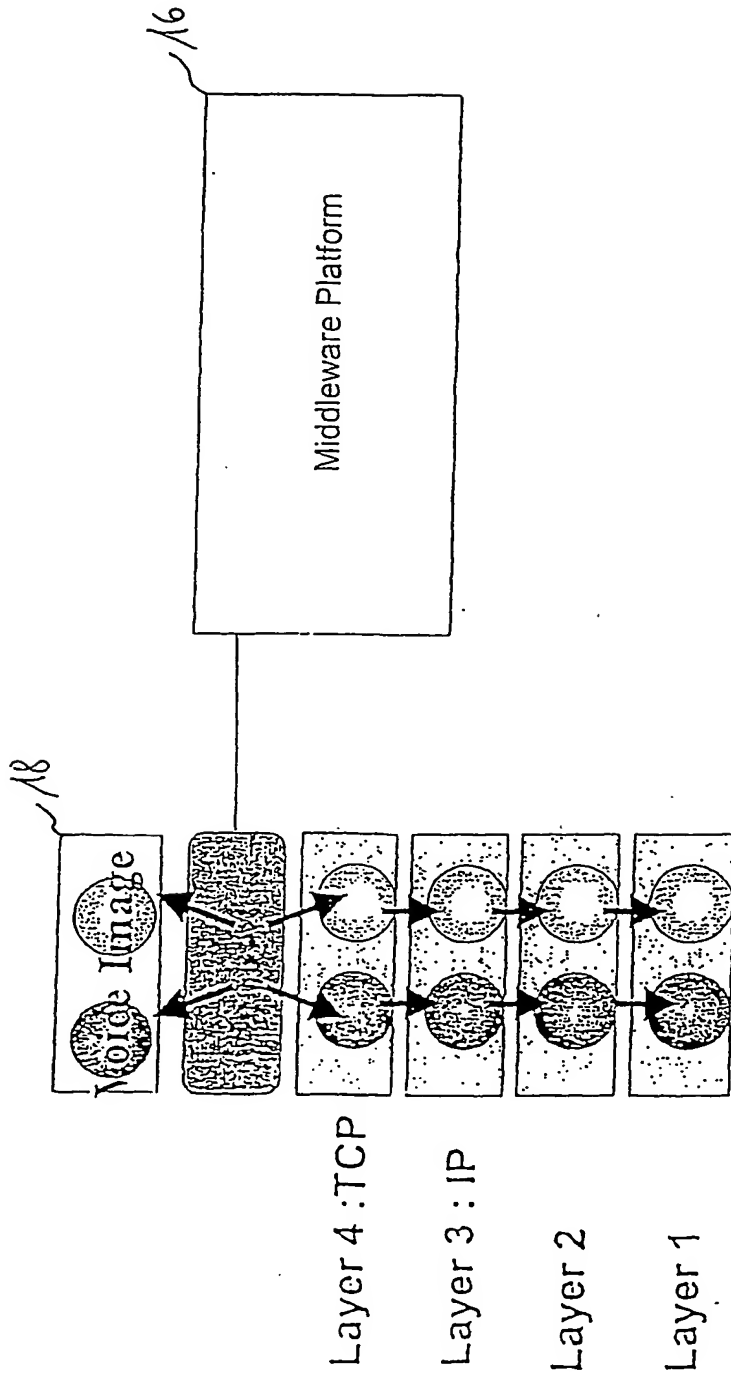


Fig. 2

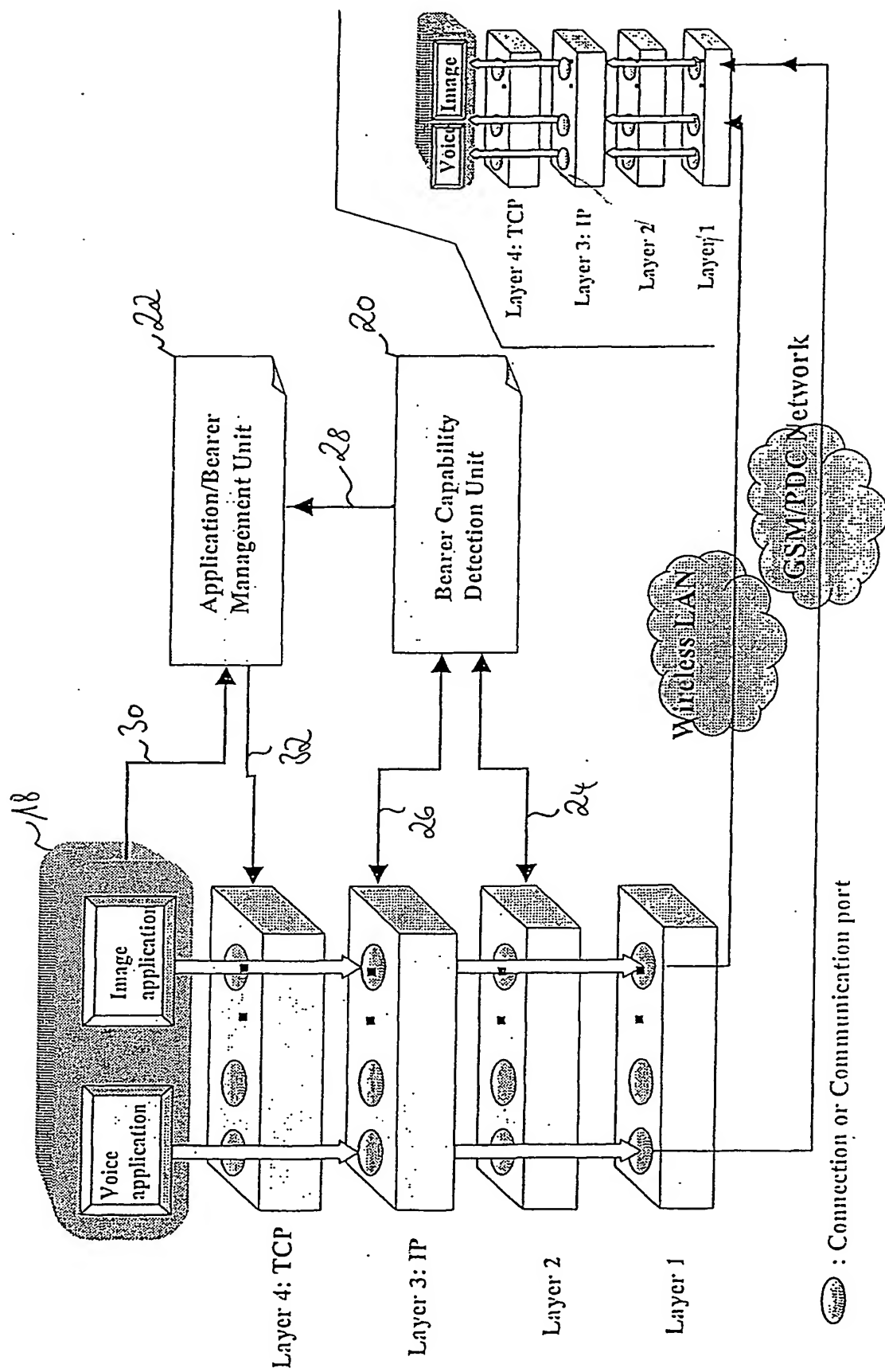


Fig. 3

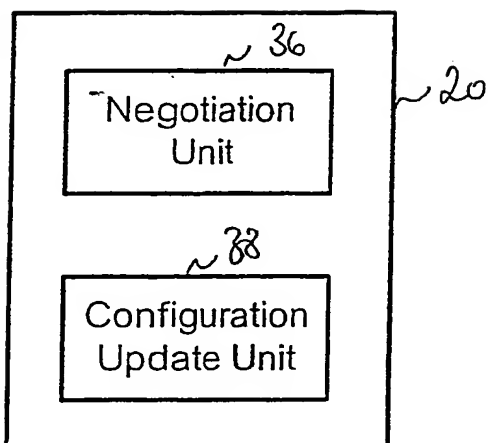


Fig. 4

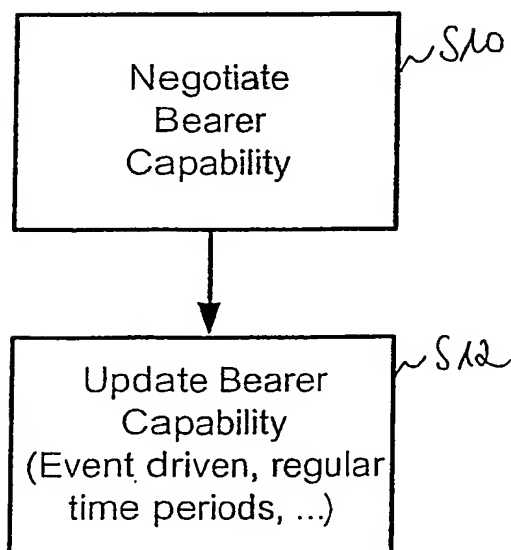


Fig. 5

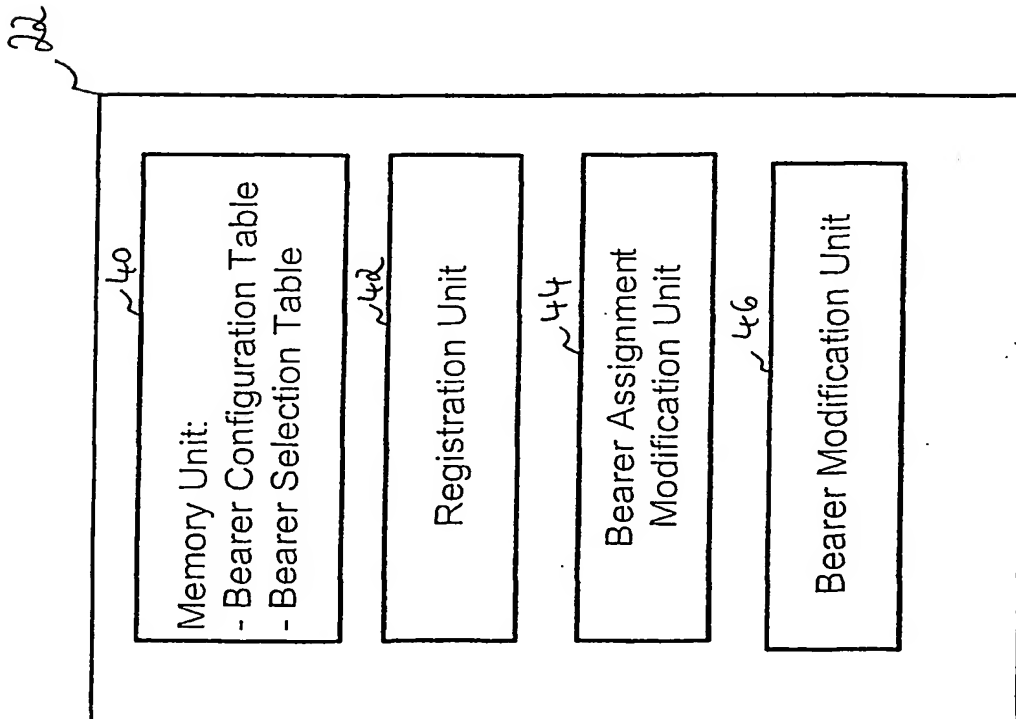


Fig. 6

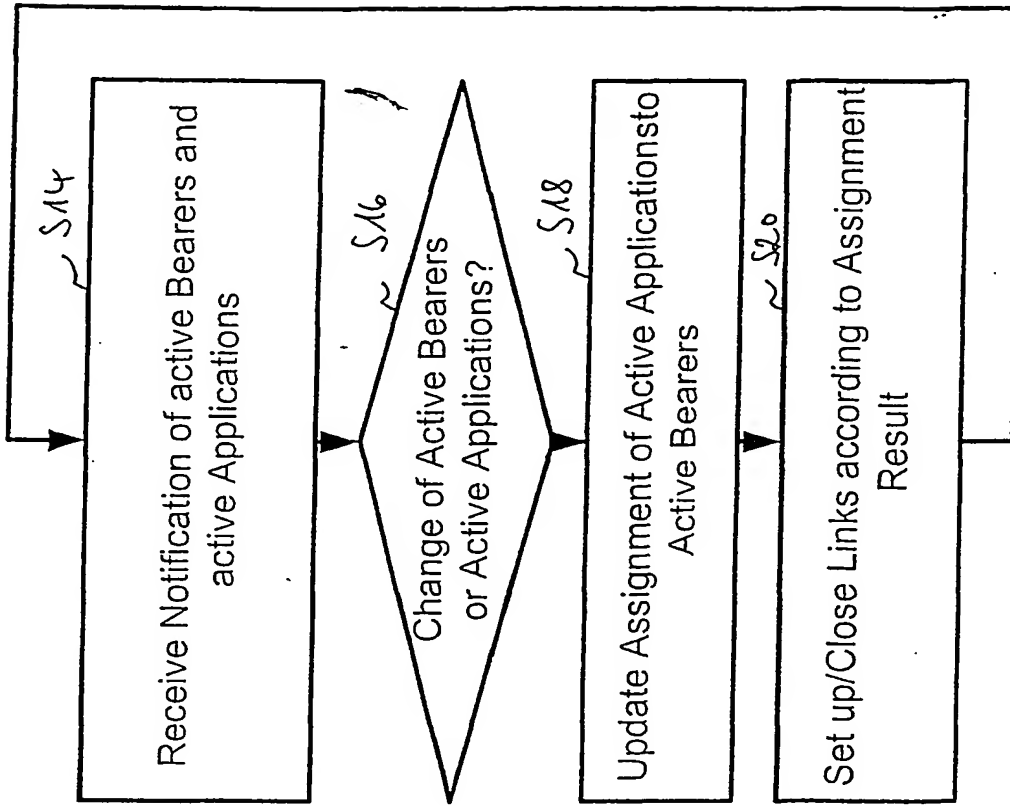


Fig. 7

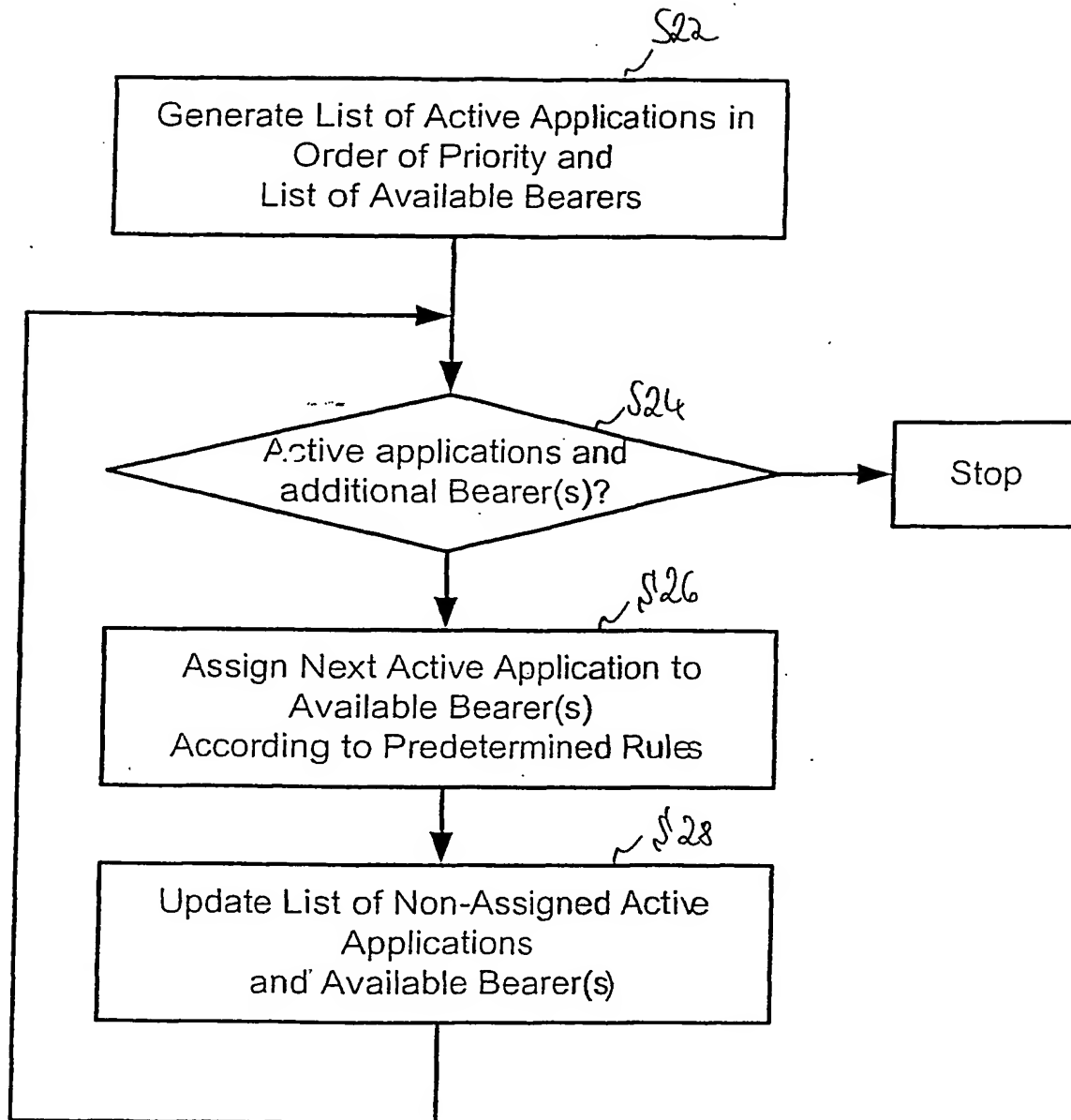


Fig. 8

Bearer Configuration Table						
WLAN	GSM-A	GSM-B	GSM-C	GPRS-A	GPRS-B	...
Available	Not Available	Available	Not Available	Not Available	Available	...
...	...	...	...	...	...	...

Fig. 9

		User Preference		
Priority	Application	1	2	3
3	Mail	GPRS-A	WLAN	GSM-B
2	HTTP	WLAN	GPRS-A	GSM-A
1	Voice	GSM-A	GSM-B	GPRS-A
4	FTP	WLAN	GPRS-A	GPRS-B
...	...	...	...	...

Fig. 10

Bearer Configuration Table							
WLAN	GSM-A	GSM-B	GSM-C	GPRS-A	GPRS-B	...	
Available	Not Available	Available	Not Available	Not Available	Available	...	T1
Available	Available	Available	Not Available	Available	Not Available	...	T2
...	...	...	...	...	...	...	

Assignment Result Time T1

Priority	Application	User Preference		
		1	2	3
3	Mail	GPRS-A	WLAN	GSM-B
2	HTTP	WLAN	GPRS-A	GSM-A
1	Voice	GSM-A	GSM-B	GPRS-A
4	FTP	WLAN	GPRS-A	GPRS-B
...	...	...	...	...

Assignment Result Time T2

Priority	Application	User Preference		
		1	2	3
3	Mail	GPRS-A	WLAN	GSM-B
2	HTTP	WLAN	GPRS-A	GSM-A
1	Voice	GSM-A	GSM-B	GPRS-A
4	FTP	WLAN	GPRS-A	GPRS-B
...	...	...	...	...

Fig. 11



Bearer Configuration Table						
Bearer Capability						Bearer Availability
Type	Bandwidth	Latency	BER	Reliability	Cost	
GSM-A	9.6k	2 sec	10-6	High	Low	Available
GPRS	24.4k	1 sec	10-7	Medium	Low	Available
WLAN	2M	0.5 sec	10-5	Low	Free	Available
GSM-B	9.6k	100 msec	10-6	High	Low	Available
:	:	:	:	:	:	:

Fig. 12

		User Preference		
Priority	Application	Bandwidth/ Content	Latency	Realtime
3	Mail	9.6k-2M	2 sec	Low
2	HTTP	Up to 2M	1sec	Medium
1	Voice	9.6k	100 msec	High
4	VoIP	...	...	High
...	...	...	...	...

Fig. 13

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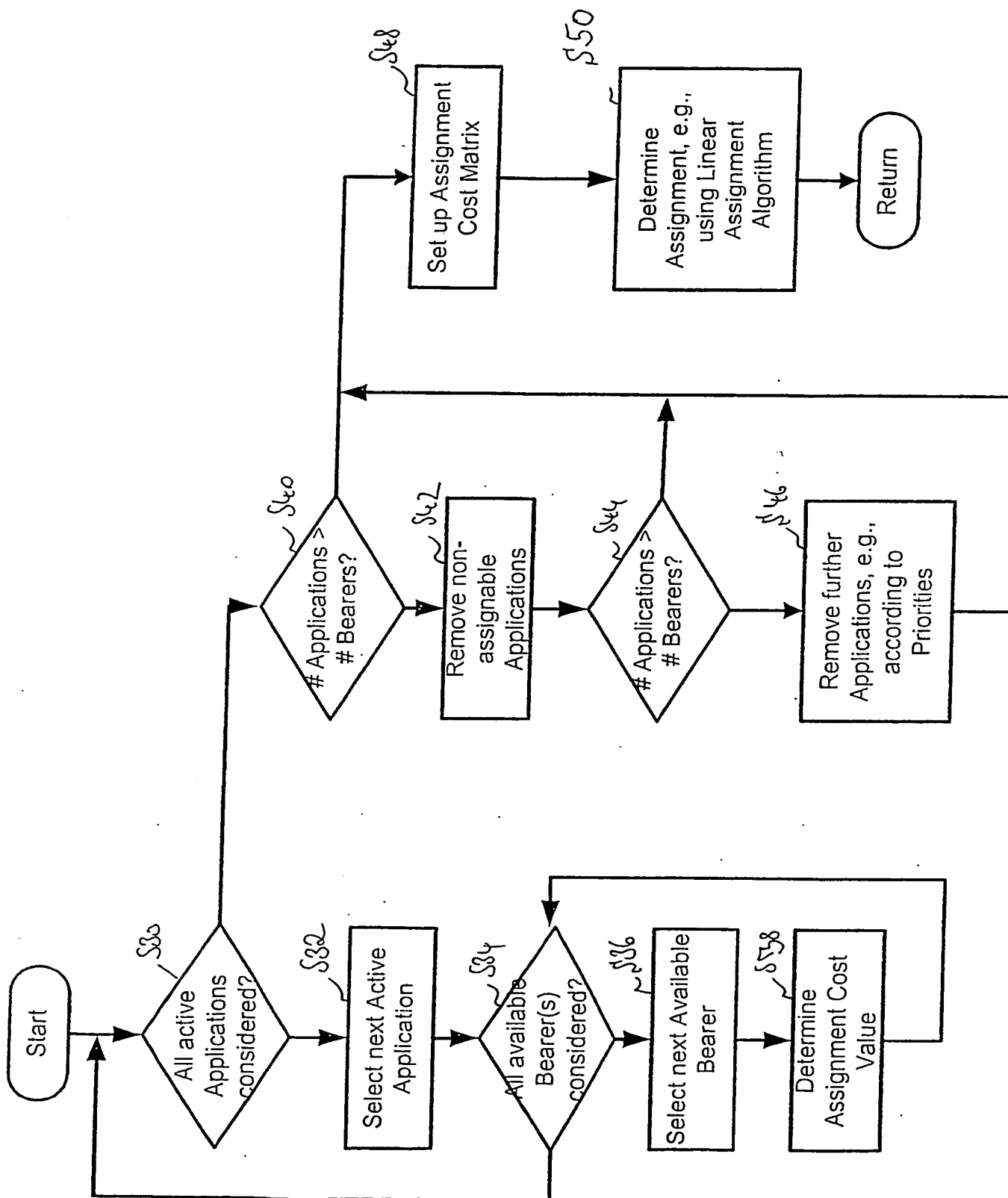


Fig. 14

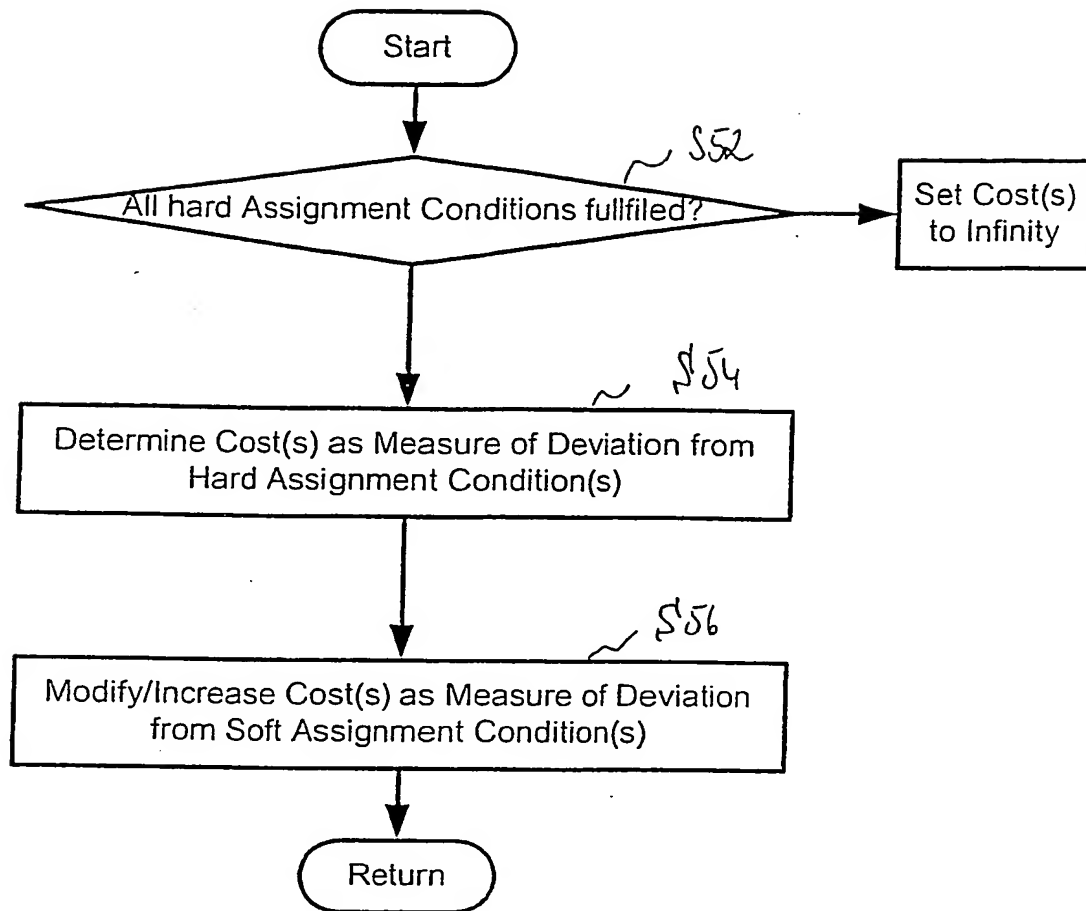


Fig. 15

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	GSM-A	GSM-B	GPRS	WLAN
Voice	$\infty$ (Latency)	0	$\infty$ (Latency)	$\infty$ (Latency)
Http	$\infty$ (Bandwidth)	$\infty$ (Bandwidth)	$\infty$ (Bandwidth)	0
Mail	0	0	>0 (Waste of Bandwidth)	> GPRS (Waste of Bandwidth)
VoIP	$\infty$ (Type of application)	$\infty$ (Type of Application)	>0	> GPRS (Waste of Bandwidth)

Fig. 16